

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Rozhon *et al.*

Confirmation No.: 9130

Serial No.: 09/712,033

Art Unit: 1651

Filed: November 14, 2000

Examiner: Marx, Irene

For: ENTERIC FORMULATIONS OF  
PROANTHOCYANIDIN POLYMER  
ANTIDIARRHEAL COMPOSITIONS

Attorney Docket No: 11133-0004-999

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 CFR §1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby direct the Examiner's attention to the references listed on the attached revised form PTO 1449. A copy of each of the listed references A01-A03; B01; and C01-C42 can be found in the file of U.S. Patent Application No. 09/066,989 filed April 23, 1998, priority benefits of which are claimed by the present application under Section 120. A copy of references A04 and C43 are submitted herewith.

Identification of the listed references is not to be construed an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application. Consequently, Applicants respectfully decline to use form PTO-1449, since this form identifies all of the references cited therein as "Prior Art." As an alternative, Applicants submit herewith several pages of a "revised form PTO 1449" entitled "List of References Cited" instead of "List of Prior Art Cited."

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

Respectfully submitted,

Date: October 22, 2003

  
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31,232  
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Enclosures

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY DOCKET NO. 11133-004	APPLICATION NO 09/712,033
	APPLICANT Rozhon et al.	
	FILING DATE November 14, 2000	GROUP 1651

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01	5,211,944	5/18/93	Tempesta			
	A02	5,043,160	8/27/91	Würsch			
	A03	4,857,327	8/15/89	Virdalm			
	A04	5,234,922	8/10/93	Welsh			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B01	481,396	1/11/95	EP				
	B02							
	B03							
	B04							
	B05							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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	C02	Castelli and Carosi, 1995, "Epidemiology of Traveler's Diarrhea", Chemotherapy 41(suppl. 1): 20-32.
	C03	Chen et al., "Studies on the Anti-Tumor, Anti-Bacterial, and Wound-Healing Properties of Dragon's Blood", Planta Med. 60: 541-545.
	C04	Driesen et al., 1993, "Studies on Prewaning Piglet Diarrhoea", Australian Veterinary Journal, 70(7): 259-262.
	C05	DuPont, 1995, "Pathogenesis of Traveler's Diarrhea", 41(suppl 1): 33-39.
	C06	DuPont, 1995, "Traveler's Diarrhea", Infections of the Gastrointestinal Tract, (Edited by M. Blaser et al., Raven Press, Ltd., New York): 299-310.
	C07	Gabriel et al., 1994, "Cystic Fibrosis Heterozygote Resistance to Cholera Toxin in the Cystic Fibrosis Mouse Model", Science 266: 107-109.
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C12	Gutzwiller et al., 1996, "Effects of Oral Lactose and Xylose Loads on Blood Glucose, Galactose, Xylose, and Insulin Values in Healthy Calves and Calves with Diarrhea," <i>AJVR</i> 57(4): 560-563.
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C14	Holland, 1990, "Some Infectious Causes of Diarrhea in Young Farm Animals", <i>Clinical Microbiology Reviews</i> 3(4): 345-375.
C15	Hör et al., 1995, "Inhibition of Intestinal Chloride Secretion by Proanthocyanidins from <i>Guazuma ulmifolia</i> ", <i>Planta Med.</i> 61: 208-212.
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C17	König et al., 1994, "Ellagitannins and Complex Tannins from <i>Quercus petraea</i> Bark", <i>J. Nat. Prod.</i> 57: 1411-1415.
C18	Mouricout, 1991, "Swine and Cattle Enterotoxigenic <i>Escherichia coli</i> -mediated Diarrhea. Development of Therapies Based on Inhibition of Bacteria-Host Interactions", <i>Eur. J. Epidemiol.</i> 7(6): 588-604.
C19	Newman et al., 1987, "High-Resolution C NMR Studies of Proanthocyanidin Polymers (Condensed Tannins)", <i>Nag. Res. Comm.</i> 25: 118-124.
C20	Onwukaeme and Lot, 1991, "A Pharmacological Evaluation of <i>Baphia nitida</i> Lodd (Leguminosae) Ethanolic Extracts on Rats and Mice", <i>Phytotherapy Res.</i> 5: 254-257.
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C23	Pallenbach et al., 1993, "Proanthocyanidins from <i>Quercus petraea</i> Bark", <i>Planta Med.</i> 59: 264-268.
C24	Persinos et al., 1979, "Errors in Chlorothiazide Bioavailability Estimates Based on a Bratton-Marshall Colorimetric Method for Chlorothiazide in Urine", <i>J. Pharm. Sci.</i> 68: 124.
C25	Sethi, 1977, "Inhibition of RNA-Directed DNA Polymerase Activity of RNA Tumor Viruses by Taspine", <i>Canadian J. Pharm. Sci.</i> 12: 7-9.
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C27	Strombeck, 1995, "Diagnosis and Treatment of Chronic Diarrhea", <i>The Veterinary Quarterly</i> 17(Suppl. 1): S12-S15.
C28	Tanaka et al., 1992, "Tannins and Related Compounds. CXVI. Six New Complex Tannins, Guajavins, Psidinins and Psiguavin from the Bark of <i>Psidium guajava</i> L.", <i>Chem. Pharm. Bull.</i> 40: 2092-2098.
C29	Toda et al., 1991, "The Protective Activity of Tea Against Infection by <i>Vibrio cholerae</i> 01", <i>J. App. Bact.</i> 70: 109-112.
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C31	Vermut, 1994, "Rearing and Management of Diarrhoea in Calves to Weaning", <i>Australian Veterinary Journal</i> 71(2): 33-41.
C32	Yoshida et al., 1992, "Tannins and Related Polyphenols of Rosaceous Medicinal Plants. XII. Roshenins A-E, Dimeric Hydrolyzable Tannins from <i>Rosa henryi</i> BOUL.", <i>Chem. Pharm. Bull.</i> 40: 1997-2001.
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C34	Craig, 1996, "Shaman Gets Positive Efficacy Data on Diarrhea Drug", <i>Bioworld Today</i> 7(164): 1-2.
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C36	Foo et al., 1986, "Some Recent Advances In the Chemistry Of Condensed Tannins (proanthocyanidin polymers) Relevant To Their Use As Industrial Chemicals", <i>Appita</i> 39:477-480

C37	<u>Hemingway, 1988, "Reactions At The Interflavanoid Bond Of Proanthocyanidins" in <i>Proceedings of the North American Tannin Conference. Chemistry and Significance of Condensed Tannins</i>, Hemingway and Karchesy (eds.), Plenum Press, NY, pp. 265-283</u>
C38	<u>Porter, 1989, <i>Methods in Plant Biochemistry</i> 1:389-418</u>
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C43	The Biologically Active Constituents of "Sangre De Drago" A Traditional South American Drug, 1992

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	